

RUSTAM ZOKIROV

SOFTWARE ENGINEER IN TEST

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SUMMARY

EXPERIENCE: 4 years of commercial development experience in test automation (API, Web UI, Mobile, Performance), web development, DevOps, and data engineering. A results-oriented problem solver, focused on delivering high-quality solutions, a passionate learner, and an active team member, always ready to share knowledge and learn from others.

INTERESTS: Automation, embedded systems, big data, algorithms.

SKILLS

TESTING	Python, Java, Selenium, selenoid, Appium, API/UI/Mobile/Performance Testing, TDD, BDT.
DEVOPS	CI/CD, Git, Docker, Jenkins, AWS.
DEVELOPMENT	Python, RESTful API, SQL, NoSQL, Django, Kafka, Redis, Celery, Distributed Systems.
DATA ENG.	SQL, ETL/ELT, Spark, Kafka, AirFlow, Hadoop.

RELEVANT EXPERIENCE

03/23 - NOW	Senior Software Engineer in Test at Exadel QAD Inc. Project: Integration platform for ERP systems. Team size: 6 Frontend Developers, 10 Backend Developers, 5 Manual QAs, 4 Automation QA Engineers, 2 DevOps Engineers, Business Analyst, Product Owner, SCRUM Master. Responsibilities: - Helping reduce manual effort by automating the testing process and accelerating testing speed, thus decreasing the time required for releases. Building CI pipelines to execute tests and identify project defects at the earliest stage possible. - Developing automation tools and scripts: building test automation frameworks for API, UI, and Performance testing using Python, PyTest, Selenium, Locust, and Allure as a reporting tool. - Automated over 800 end-to-end test cases in the first 4 months covering 90%+ of functionality. Built test execution pipelines in GitLab CI/CD to run tests daily, enabling the QA team to execute high-priority automated tests in less than 30 minutes. - Set up AQA processes from scratch and leading a test automation team with 4 engineers. Creating test plans and designing end-to-end testing scenarios to ensure maximum feature test coverage. Preparing reports with different metrics to track product quality. Technologies: Python, PyTest, Unittest, Selenium, SQL, Kafka, Cassandra, Docker, AWS, GitLab CI/CD, Allure, Locust, Boomi.
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09/21 - 03/23	EPAM Systems 01/22 - 03/23 As a Test Automation Engineer Thomson Reuters - Reuters.com Project: Reuters.com - one of the world's largest international news agencies owned by Thomson Reuters, with over 33 million monthly unique visitors. Tasks performed: - Performed test automation for API and E2E UI testing. Developed test automation frameworks for testing GraphQL and REST APIs using Python and PyTest, and testing Web UI with Selenium and Selenoid. - Implemented Data-Driven Testing by developing a dynamic test data generation module that increased test automation coverage by 80% and reduced the number of flaky tests by 5 times. - Established a parallel test execution pipeline in Jenkins CI to run tests daily, completing within just 40 minutes. This implementation resulted in a more than 10-fold reduction in test execution time and facilitated quicker feedback on regression results. - Collecting requirements, consulting on approaches to test features, and preparing release test plans. 09/21 - 12/21 As a Data Engineer Internal Tooling Project Tasks performed: - Developed an ETL service for migrating incompatible data from one service into another using APIs, concurrent processing, Apache Kafka, and AirFlow. - Built an ETL service using Kafka, Apache Spark, to read real-time data from different social media sites to make precise business decisions, and visualize trends.
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01/21 - 05/21	Software Engineer at Uzinfocom Project: Computer vision + Hardware system for vehicle entry/exit registration with plate recognition. Team size: 3 Software Engineers, Project Manager, Business Analyst. Tasks performed: • Developed a license plate recognition system using 1.5K images that works with 80% accuracy. • Developed an OCR tool to extract data from document images to automate manual entering. Technologies: Python, TensorFlow, Keras, OpenCV, NumPy, Pandas, GitLab, Docker.
04/20 - 09/21	Software Engineer at EightSoft (P.S. Business ceased operations) Team size: 4 Software Engineers, Project Manager. Tasks performed: • Led the end-to-end life cycle of planning, analysis & designing, and developing multiple projects, ensuring seamless execution and timely delivery. • Designed and developed the frontend part using HTML, CSS, and Bootstrap. • Developed backend using Python and Django web framework, contributing to robust and scalable application architecture. • Participated in data modeling, and implemented back-end core algorithms for data manipulation. • Deployed and maintained applications in cloud infrastructure, ensuring high availability and scalability. Technologies: Python, Django Framework, Django Rest Framework, SQLite, Docker, Git, OpenCV, NumPy, Bootstrap, HTML, CSS.

EDUCATION

09/19 - 05/23	BSC IN COMPUTER SCIENCE AND ENGINEERING, Inha University in Tashkent Cumulative GPA: 4.0 / 4.5 Modules included: C++, Java, Operating Systems, Mobile Programming, Computer Networks, Data Structures, Computer Algorithms, Internet Programming, Database Application and Design, Big Data Analytics. Awards: Twice awarded a university scholarship for ranking among the TOP 10 GPAs out of 300 students, providing the privilege to cover educational and tuition fees during the semester. The Nippon Foundation JACAFA Scholarship awardee.
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AWARDS AND ACHIEVEMENTS

- "Hack4Region Hackathon" III-Place Winner among 30 teams, Uzbekistan, 2022.
- "Computer Vision AI Challenge" hackathon winner among 50 teams, 2022, [read more](#), [watch demo](#).
- "Cambridge International Coding Festival" hackathon winner among 60 teams, 2022, [read more](#), [watch demo](#).
- "Digital Generation Uzbekistan 2021 Hackathon" II place Winner, [read more](#).
- Ranked TOP 4 in Uzbekistan and top 500 in the world among 37K in Google Code Jam 2021.